AMENDMENTS TO THE SPECIFICATION

Please amend the specification by replacing the paragraph on page 6, lines 6-21, with the following new paragraph:

In step 180, the module 18 calculates, with the resolution of the subbands i, the frequency response $Hp_{n,i}$ of the a priori denoising filter, according to:

$$Hp_{n,i} = \frac{S_{n,i} - \alpha'_{n-\tau1,i}\hat{B}_{n-\tau1,i}}{S_{n-\tau2,i}}$$

where τ2 is a positive or zero integer delay and $\alpha'_{n,i}$ is a noise overestimation coefficient. This overestimation coefficient $\alpha'_{n,i}$ may be dependent on or independent of the frame index n and/or the subband index i. In a preferred embodiment, it depends both on n and i, and it is determined as described in document WO99/14737. A first denoising is performed in step 181: $\hat{E}p_{n,i} = Hp_{n,i}.S_{n,i}$. In steps 182 to 184, the spectral components $\hat{E}p_{1,n,i}$ are calculated according $\hat{E}p_{1,n,i} = \max(\hat{E}p_{n,i}:ß1_i.\hat{B}_{n-\tau1,i})$, and in steps ~~182~~ 185 to ~~184~~ 187, the spectral components $\hat{E}p_{2,n,i}$ are calculated according to $\hat{E}p_{2,n,i} = \max(\hat{E}p_{n,i}:ß2_i.\hat{B}_{n-\tau1,i})$